

STRUCTURE TYPE SELECTION MEMO

PROJECT IDENTIFICATION South Access to Golden Gate Bridge (Doyle Drive)						DATE December 9, 2008
DIST 04	CO SF	RTE 1, 101	PM 8.3 / 9.4	CD 04	EA 163701	DESIGN BRANCH 9
P&Q: January 2009 ?				SPS&E: March 2009 ?		

Bridge Name	Bridge Number	PM	Construction Cost	Design Hours Required
Girard Road – NB & SB	34-0165L/R	8.4	\$ 11,912,000	2000
Girard Road Depressed - RW	34-0166	8.4	\$ 28,328,000	6000
ROJECT TOTAL			\$ 40,240,000	8000

TYPES CONSIDERED:**Girard Road UC – NB & SB:**

Voided slab: Alt. 1: Curved haunch and overhang. CIDH pile foundation
 Alt. 2: Angular haunch and overhang. CIDH pile foundation

Girard Road Depressed - RW:

Reinforced Concrete Seal Slab (Boat Section)

ARCHITECTURAL RECOMMENDATIONS:

Girard Road UC – NB & SB

- Haunched superstructure.
- Exterior girder face with no deck overhang
- Rectangular columns.
- ST-10 Barrier railing.

Girard Road Depressed - RW

- Possible architectural treatment on retaining wall sides of boat section

- (1) DESIGN ENGR Phil Lutz
- (2) BR DES SUPV Gordon Danke
- (3) SR BR ARCHIT Javier Chavez
- (4) CHIEF STR DES Kevin Thompson
- (5) PROJECT ENGR Phil Lutz

PROJECT ENGINEER

PROJECT AESTHETICS CONSULTANT

Attachments: General Plan
 General Plan Estimate